
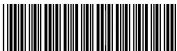


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| Index of Claims  | Application/Control No. 10520512 | Applicant(s)/Patent Under Reexamination HIRANO, JUN |
| | Examiner SAYED T ZEWARDI | Art Unit 2617 |

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| ✓ | Rejected | - | Cancelled | N | Non-Elected | A | Appeal |
| = | Allowed | + | Restricted | I | Interference | O | Objected |

| <input type="checkbox"/> Claims renumbered in the same order as presented by applicant | | | | | | | | | | <input type="checkbox"/> CPA | | | | | | | | | | <input type="checkbox"/> T.D. | | | | | | | | | | <input type="checkbox"/> R.1.47 | | | | | | | | | |
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| CLAIM | | DATE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Final | Original | 09/12/2008 | 02/25/2009 | 09/09/2009 | 03/23/2010 | 03/23/2010 | 07/13/2010 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | ✓ | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2 | ✓ | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 | ✓ | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 4 | ✓ | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 5 | ✓ | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 6 | ✓ | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 7 | ✓ | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 8 | ✓ | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 9 | ✓ | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 10 | ✓ | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 11 | ✓ | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 12 | ✓ | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 13 | ✓ | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 14 | ✓ | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 15 | ✓ | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 16 | ✓ | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 17 | ✓ | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 18 | ✓ | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 19 | ✓ | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 20 | ✓ | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 21 | ✓ | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 22 | ✓ | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 23 | ✓ | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 24 | ✓ | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 25 | ✓ | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 26 | | ✓ | ✓ | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 27 | | ✓ | ✓ | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 28 | | ✓ | ✓ | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 29 | | ✓ | ✓ | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 30 | | ✓ | ✓ | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 31 | | ✓ | ✓ | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 32 | | ✓ | ✓ | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 33 | | ✓ | ✓ | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 34 | | ✓ | ✓ | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 35 | | ✓ | ✓ | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 36 | | ✓ | ✓ | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| Index of Claims  | Application/Control No. 10520512 | Applicant(s)/Patent Under Reexamination HIRANO, JUN |
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|--|----------|------------|------------|------------|------------|------------|------------|--|--|------------------------------|--|--|--|--|--|--|--|--|--|-------------------------------|--|--|--|--|--|--|--|--|--|---------------------------------|--|--|--|--|--|--|--|--|--|
| CLAIM | | DATE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Final | Original | 09/12/2008 | 02/25/2009 | 09/09/2009 | 03/23/2010 | 03/23/2010 | 07/13/2010 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 37 | | ✓ | ✓ | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 38 | | ✓ | ✓ | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 39 | | ✓ | ✓ | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 40 | | ✓ | ✓ | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 41 | | ✓ | ✓ | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 42 | | ✓ | ✓ | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 43 | | ✓ | ✓ | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 44 | | | | | ✓ | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 45 | | | | | ✓ | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 46 | | | | | ✓ | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 47 | | | | | ✓ | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 48 | | | | | ✓ | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | 49 | | | | | ✓ | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | 50 | | | | | ✓ | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | 51 | | | | | ✓ | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | 52 | | | | | ✓ | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 53 | | | | | ✓ | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | 54 | | | | | ✓ | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | 55 | | | | | ✓ | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | 56 | | | | | ✓ | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | 57 | | | | | ✓ | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | 58 | | | | | ✓ | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | 59 | | | | | ✓ | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | 60 | | | | | ✓ | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | 61 | | | | | ✓ | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | 62 | | | | | ✓ | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | 63 | | | | | ✓ | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | 64 | | | | | ✓ | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | 65 | | | | | ✓ | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | 66 | | | | | ✓ | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | 67 | | | | | ✓ | = | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |